

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An apparatus comprising:

a medical device and a marker wire ~~permanently~~ coupled to said medical device, the medical device having a length and a longitudinal axis, the marker wire extending such that a first portion of the marker wire extends in a circumferential direction about the longitudinal axis of the medical device and a second portion of the marker wire extends in a direction parallel to the longitudinal axis of the medical device, at least a portion of the marker wire defining the perimeter of a closed area, the closed area having a length that is less than the length of the medical device, wherein the rotational orientation of the marker wire may be determined using an imaging device when the medical device is positioned within a bodily lumen;

a first directional indicator coupled to said medical device, the first directional indicator comprising a first portion of a symbol;

a second directional indicator coupled to said medical device offset from said first directional indicator, the second directional indicator comprising a second portion of the symbol;

wherein images of said first and second directional indicators connect to form the symbol when viewed from a proper rotational orientation using an imaging device..
2. (Original) The apparatus of claim 1, wherein the marker wire further comprises a third portion, the marker wire extending such that the third portion of the marker wire extends in a circumferential direction about the longitudinal axis of the medical device.

3. (Original) The apparatus of claim 2, wherein the marker wire further comprises a fourth portion, the marker wire extending such that the fourth portion of the marker wire extends in a direction along the longitudinal axis of the medical device.
4. (Original) The apparatus of claim 3, wherein the marker wire is continuous.
5. (Original) The apparatus of claim 3, wherein the marker wire comprises a closed circuit.
6. (Original) The apparatus of claim 1, wherein the medical device comprises a catheter.
7. (Original) The apparatus of claim 1, wherein the medical device comprises a catheter sheath.
8. (Original) The apparatus of claim 1, wherein the medical device comprises a device that may be implanted within a bodily lumen.
9. (Previously presented) The apparatus of claim 1, wherein the medical device comprises a stent.
10. (Original) The apparatus of claim 9, wherein the stent is self expanding.
11. (Previously presented) The apparatus of claim 9, wherein the stent further comprises a graft that covers a portion of the stent, wherein the graft is aligned with the closed area defined by the marker wire.
12. (Original) The apparatus of claim 1, wherein the medical device comprises an expansion balloon.
13. (Original) The apparatus of claim 1, wherein the marker wire comprises an MRI marker.
14. (Previously presented) The apparatus of claim 11, wherein the graft defines an arc length, and the first portion of the marker wire defines a similar arc length.
15. (Currently amended) An apparatus comprising:
 - a medical device and a marker wire coupled to said medical device, the medical device having a longitudinal axis, the marker wire extending such that a first portion of the marker wire

extends in a circumferential direction about the longitudinal axis of the medical device and a second portion of the marker wire extends in a direction parallel to the longitudinal axis of the medical device, wherein the rotational orientation of the marker wire may be determined using an imaging device when the medical device is positioned within a bodily lumen;

a first directional indicator coupled to said medical device and oriented in a direction non-parallel to the longitudinal axis, the first directional indicator comprising a first portion of a symbol;

a second directional indicator coupled to said medical device offset from said first directional indicator and oriented in a direction non-parallel to the longitudinal axis, the second directional indicator comprising a second portion of the symbol;

wherein images of said first and second directional indicators connect to form the symbol when viewed from a proper rotational orientation using an imaging device wherein the marker wire further comprises a first directional indicator oriented in a direction non-parallel to the longitudinal axis.

16. Canceled

17. (Original) The apparatus of claim 16, wherein the symbol is an arrow.

18. (Original) The apparatus of claim 16, wherein the symbol is viewable over a rotational range of 30° or less.

19. (Currently amended) The apparatus of claim 15, further comprising a wherein the second directional indicator that is offset from the first directional indicator in a circumferential direction.

20. Canceled

21. (Previously presented) The apparatus of claim 20, wherein the symbol is an arrow.

22. (Previously presented) The apparatus of claim 20, further comprising a partial graft, wherein the symbol indicates the orientation of the partial graft.

23. (Previously presented) The apparatus of claim 20, wherein the symbol is viewable over a rotational range of 5° or less.

24. (Original) The apparatus of claim 1, further comprising a lumen and a port.

25. (Original) The apparatus of claim 24, wherein the lumen is arranged to carry away bodily material.

26. (Original) The apparatus of claim 24, wherein said marker wire extends about a rim of the port.

27. (Original) The apparatus of claim 1, further comprising a rotational ablation device.

28-35. (Canceled)

36. (Currently amended) An apparatus comprising:

 a medical device having a length and a longitudinal axis; ~~and~~

 a marker wire ~~permanently~~ coupled to said medical device;

 the marker wire having a first end and a second end, the first end and the second end being offset from one another along the length of the device, the first end and the second end being offset from one another in a circumferential direction about the longitudinal axis of the device, wherein the rotational orientation of the marker wire may be determined using an imaging device when the medical device is positioned within a bodily lumen ~~and~~

a first directional indicator coupled to said medical device, the first directional indicator comprising a first portion of a symbol;

a second directional indicator coupled to said medical device offset from said first directional indicator, the second directional indicator comprising a second portion of the symbol;

wherein images of said first and second directional indicators connect to form the symbol when viewed from a proper rotational orientation using an imaging device.

37. (Previously presented) A method of positioning an implantable medical device within a bodily lumen comprising:

a) providing a medical device having a rotational marker, the rotational marker comprising a wire loop, a first directional indicator coupled to said medical device, the first directional indicator comprising a first portion of a symbol, a second directional indicator coupled to said medical device offset from said first directional indicator, the second directional indicator comprising a second portion of the symbol, wherein images of said first and second directional indicators connect to form the symbol when viewed from a proper rotational orientation using an imaging device;

b) inserting the medical device into a bodily lumen and maneuvering the device to a worksite;

c) viewing the worksite and the device through an imaging device, the rotational marker and the first and second directional indicators being visible upon the imaging device, wherein the rotational orientation of the wire loop may be determined using the imaging device;

d) positioning the medical device to a proper rotational orientation using the rotational marker and the first and second directional indicators as viewed upon the imaging system.